10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GPR156 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50062

Product Information

Application	WB, IF
Primary Accession	Q8NFN8
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Calculated MW	89097

Additional Information

Gene ID	165829
Other Names	Probable G-protein coupled receptor 156, G-protein coupled receptor PGR28, GABAB-related G-protein coupled receptor, GPR156, GABABL, PGR28
Dilution	WB~~ 1:500-1:1000 IF~~1:100
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

Protein Information

Name	GPR156
Synonyms	GABABL, PGR28
Function	Orphan G protein-coupled receptor involved in the regulation of hair cell orientation in mechanosensory organs of the inner ear. It is required to trigger a 180 degree reversal in hair cell orientation, creating a virtual line of polarity reversal (LPR) across which stereociliary bundles are arranged in opposite orientations.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Ubiquitous expression both in the CNS and in peripheral tissues. Very high expression in fetal brain and testis relative to expression in other tissues.

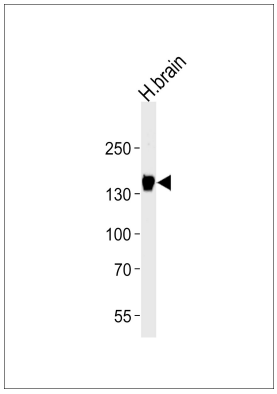
Background

Orphan receptor.

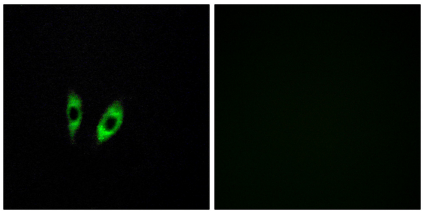
References

Calver A.R.,et al.Brain Res. Mol. Brain Res. 110:305-317(2003).
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Vassilatis D.K.,et al.Proc. Natl. Acad. Sci. U.S.A. 100:4903-4908(2003).

Images



Western blot analysis of lysates from H.brain cell line ,using GPR156 Antibody(G305). G305 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug.



Immunofluorescence analysis of HeLa cells, using GPR156 antibody.

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